and efficiently to plural, minute sensor electrode dots which have been prepared according to said method for the formation of a molecule recognizing film.

In the Abstract

Please replace the original abstract with the following abstract:

In order to form organic thin films on electrodes, a solution of a material for the organic thin film is accurately printed via an ink-jet onto the surface of microelectrodes as required, thereby producing a high density array of microelectrodes. Further, a solution of a sample substance or a liquid substance to be sensed is ejected into air via an ink-jet nozzle to fall to the surface of organic thin membranes on the microelectrodes so that the sample can be evaluated.

In the claims:

Please cancel claims 1-10 and ~~18-26~~.

Please amend claim 11 as follows:

--11. A sensor device comprising:

a circuit having electrodes, wherein at least one of the electrodes comprises an organic thin film formed by printing a solution of a thin film material onto a surface of the electrode; and

a transducing element capable of transducing information recognized by the organic thin film into electric signals.--

Please add claims 27-32 as follows:

--~~27~~ 12. The sensor device of claim 11 wherein the organic thin film formed on the electrode comprises a film formed from at least one dot.--

--~~28~~ 13. The sensor device of claim ~~27~~ 12 wherein the dot comprises a micro-dot.--